

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	(09/416054).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/10/14 09:53
S2	4	("9416054").PN.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/10/14 10:00
S3	2	("9312950").PN.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/10/14 10:03
S4	1	("9457966").PN.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/10/14 10:04
S5	0	("9446471").PN.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/10/14 13:07
S6	0	(thomas adj2 abschutz).inv.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/10/14 13:08
S7	0	(thomas adj2 anschutz).inv.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/10/14 13:09
S8	0	thomas adj2 anschutz.inv.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/10/14 13:09
S9	106	anschutz.inv.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/10/14 13:09
S10	216161	thomas.inv.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/10/14 13:09
S11	2	anschutz.inv. and thomas.inv.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/10/14 13:12
S12	37614	zhang.inv.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/10/14 13:12
S13	48156	li.inv.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/10/14 13:12

## EAST Search History

S14	2763	zhang.inv. and li.inv.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/10/14 13:12
S15	0	(zhang.inv. and li.inv.) and (anschutz.inv. and thomas.inv.)	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/10/14 13:13
S16	11	cassanova.inv.	USPAT; - EPO; JPO; DERWENT	OR	OFF	2004/10/14 13:13
S17	39292	jeffrey.inv.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/10/14 13:13
S18	2	cassanova.inv. and jeffrey.inv.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/10/14 13:15
S19	1102	marcus.asn.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/10/14 13:15
S20	19492	david.asn.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/10/14 13:15
S21	32	marcus.asn. and david.asn.	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/10/14 13:37
S22	7499	((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/10/14 13:39
S23	4977	((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/10/14 13:42
S24	11595	((((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.)	USPAT; EPO; JPO; DERWENT	OR	OFF	2004/10/14 13:43

## EAST Search History

S25	2821	(((((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.)) and (internet near2 Protocol)	USPAT; - EPO; JPO; DERWENT	OR	OFF	2004/10/14 13:44
S26	2999	(((((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.)) and (internet near2 Protocol)	USPAT; - EPO; JPO; DERWENT	OR	ON	2004/10/14 13:49
S27	112	(((((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.)) and (internet near2 Protocol near5 services)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 13:45
S28	315	(((((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.)) and (IP near5 services)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 13:45

## EAST Search History

S29	377	((((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.)) and (internet near2 Protocol near5 services)) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.)) and (IP near5 services))	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 13:46
S30	92	((((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.)) and (internet near2 Protocol near5 services)) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.)) and (IP near5 services))) and ( (OSI) or (open near5 system near5 interconnect\$3))	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 13:47

## EAST Search History

S31	0	((((((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.)) and (internet near2 Protocol near5 services)) or (((((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.)) and (IP near5 services))) and ( (OSI) or (open near5 system near5 interconnect\$3)) and (layer near3 ((thomas adj2 anschutz).inv.))	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 13:48
S32	0	((((((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.)) and (internet near2 Protocol) and (layer adj3 ((thomas adj2 anschutz).inv.))	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 13:50
S33	0	((((((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.)) and (internet near2 Protocol) and (layer near5 ((thomas adj2 anschutz).inv.))	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 13:50

## EAST Search History

S34	1492	(((((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.)) and (internet near2 Protocol) and layer	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 13:59
S35	0	(((((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.)) and (internet near2 Protocol) and (layer same ((thomas adj2 anschutz).inv.))	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 14:00
S36	599	(((((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.)) and (internet near2 Protocol) and (layer near5 communicat\$4)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 14:01
S37	173	(((((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.)) and (internet near2 Protocol) and (layer near5 communicat\$4)and (first near3 address\$3)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 17:11

## EAST Search History

S38	101	(((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.)) and (internet near2 Protocol) and (layer near5 communicat\$4)and (first near3 address\$3) and (second near3 address\$3)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 14:02
S39	36	(((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.)) and (internet near2 Protocol) and (layer near5 communicat\$4)and (first near3 address\$3) and (second near3 address\$3) and (provid\$4 same link)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 14:04
S40	9	(((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.)) and (internet near2 Protocol) and (layer near5 communicat\$4)and (first near3 address\$3) and (second near3 address\$3) and (provid\$4 same link same first)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 14:05

## EAST Search History

S41	9	(((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.)) and (internet near2 Protocol) and (layer near5 communicat\$4)and (first near3 address\$3) and (second near3 address\$3) and (provid\$4 same link same first)and(provid\$4 same link same second)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 14:06
S42	2	(((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.)) and (internet near2 Protocol) and (layer near5 communicat\$4)and (first near3 address\$3) and (second near3 address\$3) and (provid\$4 same link same first)and(provid\$4 same link same second)and(provid\$4 same link same third)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 14:12
S43	9	(((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.)) and (internet near2 Protocol) and (layer near5 communicat\$4)and (first near3 address\$3) and (second near3 address\$3) and (provid\$4 same link same first)and(provid\$4 same link same second)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 14:23

## EAST Search History

S44	1	(((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.)) and (internet near2 Protocol) and (layer near5 communicat\$4)and (first near3 address\$3) and (second near3 address\$3) and (provid\$4 same link same first)and(provid\$4 same link same second)and ((ISP) or (internet same Service same Provider))	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 14:26
S45	1	(((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.)) and (internet near2 Protocol) and (layer near5 communicat\$4)and (first near3 address\$3) and (second near3 address\$3) and (provid\$4 same link same first)and(provid\$4 same link same second)and ((ISP) or (internet same Service same Provider))	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 14:28
S46	1	("0000709").PN.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/10/14 14:27
S47	16573	("709").CLAS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/10/14 14:27

## EAST Search History

S48	1	((((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.)) and (internet near2 Protocol) and (layer near5 communicat\$4)and (first near3 address\$3) and (second near3 address\$3) and (provid\$4 same link same first)and(provid\$4 same link same second)and ((ISP) or (internet same Service same Provider)) ) and (("709").CLAS.)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 14:27
S49	1	((((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.)) and (internet near2 Protocol) and (layer near5 communicat\$4)and (first near3 address\$3) and (second near3 address\$3) and (provid\$4 same link same first)and(provid\$4 same link same second)and ((ISP) or (internet same Service same Provider)) ) and (internet near2 Protocol) and (layer near5 communicat\$4)and (first near3 address\$3) and (second near3 address\$3) and (provid\$4 same link same first)and(provid\$4 same link same second)and ((ISP) or (internet same Service same Provider))	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 14:28
S50	1	(("709").CLAS.) and (internet near2 Protocol) and (layer near5 communicat\$4)and (first near3 address\$3) and (second near3 address\$3) and (provid\$4 same link same first)and(provid\$4 same link same second)and ((ISP) or (internet same Service same Provider))	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 14:29

## EAST Search History

S51	8333	((("709").CLAS.) and (((((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 14:30
S52	19835	((("709").CLAS.) or (((((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 14:30
S53	253	((("709").CLAS.) or (((((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and (internet near2 Protocol) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider))	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 14:32
S54	0	((("709").CLAS.) or (((((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol) or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same sytem same interconnect\$3)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 14:37

## EAST Search History

S55	93	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 14:38
S56	24	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3) and (public same switch same telephone)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 15:01
S57	24	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3) and (public same switch same telephone)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 14:48

## EAST Search History

S58	24	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3) and (public same switch same telephone) and (layer near5 communicat\$4)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 15:00
S59	0	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3) and (public same switch same telephone) and (layer near5 communicat\$4)and (first near3 address\$3) and (second near3 address\$3) and (provid\$4 same link same first)and(provid\$4 same link same second)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 14:51

## EAST Search History

S60	0	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3) and (public same switch same telephone) and (layer near5 communicat\$4)and (first near3 address\$3) and (second near3 address\$3) and (provid\$4 same link same first)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 14:51
S61	0	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3) and (public same switch same telephone) and (layer near5 communicat\$4)and (first near3 address\$3) and (second near3 address\$3) and (provid\$4 same link )	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 14:51

## EAST Search History

S62	2	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3) and (public same switch same telephone) and (layer near5 communicat\$4)and (first near3 address\$3) and (second near3 address\$3)	USPAT; . EPO; JPO; DERWENT	OR	ON	2004/10/14 14:51
S63	3	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3) and (DNAT)	USPAT; . EPO; JPO; DERWENT	OR	ON	2004/10/14 15:04
S64	25	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3) and (NAT)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 15:04

## EAST Search History

S65	86	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3) and ((NAT)or (network same Address\$3 sametranslat\$3))	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 17:04
S66	44	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3) and ((NAT) or (network same Address\$3 same translats\$3))	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 15:24
S67	43	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3) and ((NAT) or (network same Address\$3 same translats\$3)) and (Local same Area same network)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 15:25

## EAST Search History

S68	27	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3) and ((NAT) or (network same Address\$3 same translat\$3)) and (Local same Area same network) and (DHCP)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 15:26
S69	27	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3) and (network same Address\$3 same translat\$3) and (Local same Area same network) and (DHCP)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 15:28
S70	4	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3) and (network same Address\$3 same translat\$3) and (Local same Area same network) and (DHCP) and (PPP same frame)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 15:29

## EAST Search History

S71	22	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3) and (network same Address\$3 same translat\$3) and (Local same Area same network) and (DHCP) and (PPP )	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 15:29
S72	1	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3) and (network same Address\$3 same translat\$3) and (Local same Area same network) and (DHCP) and (PPP ) and (ingress)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 15:34

## EAST Search History

S73	22	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3) and (network same Address\$3 same translat\$3) and (Local same Area same network) and (DHCP) and (PPP )	USPAT; - EPO; JPO; DERWENT	OR	ON	2004/10/14 15:48
S74	37	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3) and (Local same Area same network) and (DHCP) and (PPP )	USPAT; - EPO; JPO; DERWENT	OR	ON	2004/10/15 08:05
S75	25	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3) and (Local same Area same network) and (network same service same access same internet same provider)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/15 08:04

## EAST Search History

S76	13	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3) and (Local same Area same network) and (network same service same access same internet same provider same protocol)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/14 15:55
S77	13	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3) and (Local same Area same network) and (network same service same access same internet same provider same protocol)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/18 16:06

## EAST Search History

S78	0	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3) and (Local same Area same network) and (network same service same access same internet same provider same protocol) and (layer near3 "6708219".PN.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/15 08:02
S79	0	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3) and (Local same Area same network) and (network same service same access same internet same provider same protocol) and (layer adj1 to)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/15 08:03

## EAST Search History

S80	0	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3) and (Local same Area same network) and (network same service same access same internet same provider same protocol) and (layer with "6708219".PN.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/15 08:04
S81	0	09/511735	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/15 12:13
S82	1	"09511735"	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/17 09:16
S83	3	"6609153"	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/17 09:16
S84	30	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3) and (Local same Area same network) and (network same service same access same internet same provider same protocol)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/18 16:07

## EAST Search History

S85	3	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3) and (Local same Area same network) and (network same service same access same internet same provider same protocol)and (call\$3 near3 agent)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/18 16:07
S86	86	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3) and ((NAT)or (network same Address\$3 sametranslat\$3))	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 17:04
S87	5	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (open same system same interconnect\$3) and ((NAT)or (network same Address\$3 sametranslat\$3))and (call\$3 near3 agent)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 17:04

## EAST Search History

S88	4	(((((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.)) and (internet near2 Protocol) and (layer near5 communicat\$4)and (first near3 address\$3)and (call\$3 near2 agent)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 17:13
S89	293	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider))	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:18
S90	2	((("709").CLAS.) or (((709/227) or (709/230) or (709/202) or (709/203) or (709/205) or (709/206) or (709/207) or (709/238) or (709/249) or (709/250) or (709/245)).CCLS.) or (((707/9) or (707/10) or (710/3) or (710/20) or (710/105) or (713/153)).CCLS.))) and ((internet near2 Protocol)or (IP)) and (layer near5 communicat\$4) and ((ISP) or (internet same Service same Provider)) and (ingress same layer)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:18
S91	2	"6603758".pn.	USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 07:36
S92	2	"6769000".pn.	USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 07:37
S93	2	"6751729".pn.	USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 08:06

## EAST Search History

S94	33	((different or multiple or several or many) adj4 (ISP or (internet adj2 service adj2 provider))) near5 ((IP or (internet adj2 protocol) adj3 service))	USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 08:14
S95	61	( (access\$3 adj3 device) or router or gateway or switch)near5 ((many or several or different or multiple) adj3 ((IP or (internet adj2 protocol)) adj2 address))	USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 08:14
S96	0	S94 same S95	USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 08:12
S97	1	S94 and S95	USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 08:12
S98	60	((different or multiple or several or many) adj4 (ISP or (internet adj2 service adj2 provider))) with ((IP or (internet adj2 protocol) adj3 service))	USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 08:15
S99	105	( (access\$3 adj3 device) or router or gateway or switch)with ((many or several or different or multiple) adj3 ((IP or (internet adj2 protocol)) adj2 address))	USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 08:22
S10 0	0	S98 same S99	USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 08:14
S10 1	1	S98 and S99	USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 08:14
S10 2	680	((different or multiple or several or many) adj4 (ISP or (internet adj2 service adj2 provider)))	USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 08:15
S10 3	0	S99 same S102	USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 08:15
S10 4	2	S99 and S102	USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 08:22
S10 5	252	( (access\$3 adj3 device) or router or gateway or switch)same ((many or several or different or multiple) adj3 ((IP or (internet adj2 protocol)) adj2 address))	USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 14:56

## EAST Search History

S10 6	9	S105 and S102	USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 08:22
S10 7	0	S105 and S102 and (service near5 session)	USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 08:23
S10 8	4	S105 and S102 and (session)	USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 08:23
S10 9	252	((access\$3 adj3 device) or router or gateway or switch)same ((many or several or different or multiple) adj3 ((IP or (internet adj2 protocol)) adj2 address))	USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 14:56
S11 0	1	((access\$3 adj3 device) or router or gateway or switch)same ((many or several or different or multiple) adj3 ((IP or (internet adj2 protocol)) adj2 address)) and mangement	USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 14:56
S11 1	165	((access\$3 adj3 device) or router or gateway or switch)same ((many or several or different or multiple) adj3 ((IP or (internet adj2 protocol)) adj2 address)) and management	USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 14:57
S11 2	2	((access\$3 adj3 device) or router or gateway or switch)same ((many or several or different or multiple) adj3 ((IP or (internet adj2 protocol)) adj2 address)) and ((user or subscriber )near5 (management adj3 service))	USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/22 13:13
S11 3	1171	((many or several or different or multiple) adj3 ((IP or ISP or (internet near5 protocol)) adj2 address))	USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/22 14:42
S11 4	156	((many or several or different or multiple) adj3 ((IP or ISP or (internet near5 protocol)) adj2 address)) and (map\$4 near5 table)	USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/22 14:43
S11 5	5	((many or several or different or multiple) adj3 ((IP or ISP or (internet near5 protocol)) adj2 address)) and ((establish\$3 or consult\$3 or enabl\$3) near5 (map\$4 near5 table))	USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/22 14:43